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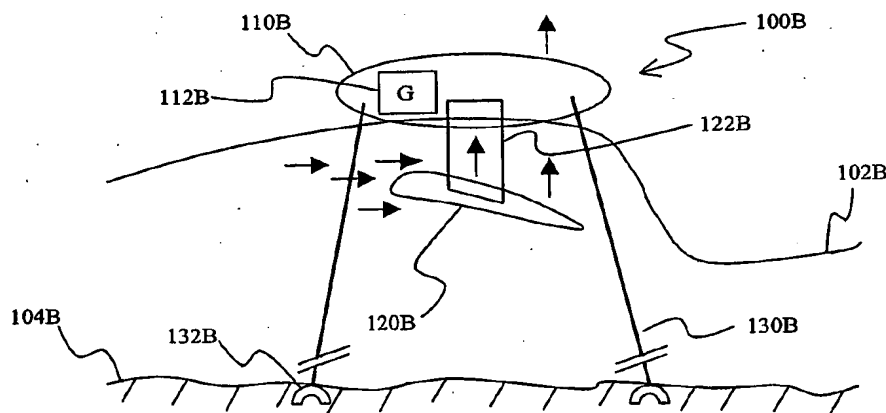
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(54) Title: CONFIGURATIONS AND METHODS FOR WAVE ENERGY EXTRACTION



(57) Abstract: A wave energy harvester includes an element that converts forward and/or backward movement of water in a wave passing the harvester into upward and/or downward movement to thereby increase the vertical amplitude of the harvester relative to the sea floor. In most preferred aspects, the element is a hydrofoil that is coupled to the harvester. Further preferred aspects include those in which part of, or the entire harvester has a neutral buoyancy, and where energy is extracted from the downwards movement of the neutrally buoyant part after a wave has lifted that part.

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